



Louisiana Poison Center



April 18, 2022 Chlorine Release Olin Facility, Plaquemine Louisiana

April 20, 2022

Summary

On Monday evening April 18, 2022 a chlorine release occurred within the Olin Corporation facility in Plaquemine Louisiana. Employees at the facility worked to address the situation. Louisiana State Police also assisted other response units in and around the site of the release. A shelter in place was issued in the immediate area and Highway 1 was closed in both directions in the vicinity of the release site. Residents were asked to turn off AC units and to keep doors and windows closed. The shelter in place, issued around 9 p.m. Monday was lifted early Tuesday morning.

From reports liquid chlorine leaked on the ground where it pooled and as the liquid warmed it turned into a gas.

Chlorine is a potent pulmonary with intermediate water solubility that can cause irritation and damage in both the upper and lower respiratory tract. The extent of poisoning depends on the amount and the duration of exposure.

The Louisiana Poison Center responded to 11 calls related to this chlorine release.

- 5 calls involved potential exposure to chlorine
 - 4 calls originated at health care facilities
 - 5 asymptomatic patients were evaluated and released
 - 1 patient was admitted for an unrelated cause
 - 1 call originated from a home setting.
 - Patient was asymptomatic
- 5 callers were seeking information only
 - Callers were provided information and advised to call back if any symptoms occurred or if they had additional questions.